

Table 3-6. Special-Status Fish and Wildlife Species of the Headwaters Forest Reserve

Common and Scientific Name	Status ^a	California Distribution	Habitats	Occurrence in Headwaters Forest
	Federal/State			
Oregon shoulderband snail <i>Helminthoglypta hertleini</i>	SM/--	Klamath region, from Douglas County, Oregon to Siskiyou County, California; suspected to occur in Arcata Field Office lands but not in the Reserve	Talus and rocky substrates with permanent ground cover, fissures, piles of woody debris	Minimal suitable habitat present; no confirmed detections
Church's sideband snail <i>Monadenia churchi</i>	SM/--	Butte, Humboldt, Shasta, Siskiyou, Tehama, and Trinity Counties area; suspected to occur within Arcata Field Office lands but not in the Reserve	Rocky outcroppings, talus, lava rock substrates, limestone outcroppings, especially in riparian areas	Suitable habitat present; no confirmed detections
Shasta chaparral snail <i>Trilobopsis roperi</i>	SM/--	Shasta County; not expected to occur within the Reserve area	Within 100 meters of lightly to heavily shaded rockslides, limestone outcroppings, caves, and draws	No suitable habitat present; no confirmed detections
Tehama chaparral snail <i>Trilobopsis tehamana</i>	SM/--	Tehama, Butte, and Siskiyou Counties	Within 100 meters of lightly to heavily shaded rockslides, limestone outcroppings, caves, talus, and woody habitat	No suitable habitat present; no confirmed detections
Steelhead trout <i>Oncorhynchus mykiss</i> Northern California ESU	T/--	Redwood Creek, Humboldt County to Gualala River, Mendocino County; known to occur in Reserve	Cold, clear water with clean gravel of appropriate size for spawning; most spawning occurs in headwater streams; steelhead migrate to the ocean as smolts to feed and grow until sexually mature	Confirmed present
Chinook salmon <i>Oncorhynchus tshawytscha</i> California Coastal ESU	T/--	Redwood Creek, Humboldt County to the Russian River, Sonoma County; fall-run chinook known to occur in Reserve; critical habitat designated	Cool, clear water with spawning gravel; migrate to the ocean to feed and grow until sexually mature	Confirmed present

Table 3-6. Continued

Common and Scientific Name	Status ^a	California Distribution	Habitats	Occurrence in Headwaters Forest
	Federal/State			
Coho Salmon <i>Oncorhynchus kisutch</i> Southern Oregon/Northern California Coasts ESU	T/C	Cape Blanco, Oregon to Punta Gorda, California; known to occur in Reserve; critical habitat designated	Cool, clear water with spawning gravel; migrate to the ocean to feed and grow until sexually mature	Confirmed present
Coastal cutthroat trout <i>Oncorhynchus clarki clarki</i> Southern Oregon /California Coasts ESU	SC/SSC	Coastal streams from Eel River north	Small, low-gradient streams and estuarine habitat with clear, cool waters, shade, and instream cover	Confirmed present
Del Norte salamander <i>Plethodon elongatus</i>	SC/SSC	Coastal portions of Del Norte County and northern Humboldt County	Humid coastal forests among rocks and rubble of riverbeds, road fills, talus, and rock outcrops	Suitable habitat present; predisturbance surveys conducted; no detections
Southern torrent (seep) salamander <i>Rhyacotriton variegatus</i> (= <i>olympicus</i>)	SC/SSC	Northwestern California forests in Del Norte, Humboldt, western Siskiyou, Trinity, and Mendocino Counties; known to occur in the Reserve	Seeps, springs, and high-gradient reaches of small forested streams; usually found in or adjacent to cool, shallow water beneath rocks or organic debris	Confirmed present
Northern red-legged frog <i>Rana aurora aurora</i>	SC/SSC	Del Norte, Humboldt, and western Siskiyou Counties; known to occur in the Reserve	Usually found near ponds or other permanent water bodies with extensive vegetation	Confirmed present
Foothill yellow-legged frog <i>Rana boylei</i>	SC/SSC	Klamath, Cascade, north Coast, south Coast, and Transverse Ranges; through the Sierra Nevada foothills up to approximately 6,000 feet (1,800 meters) south to Kern County	Creeks or rivers in woodlands or forests with rock and gravel substrate and low overhanging vegetation along the edge; usually found near riffles with rocks and sunny banks nearby	Suitable habitat present; no confirmed detections
Tailed frog <i>Ascaphus truei</i>	SC/SSC	Northwestern California from Del Norte County south to central Sonoma County and east as far as southwest Shasta County	Cool, perennial, swiftly flowing streams in redwood, Douglas-fir, and yellow pine forests	Confirmed present

Table 3-6. Continued

Common and Scientific Name	Status ^a	California Distribution	Habitats	Occurrence in Headwaters Forest
	Federal/State			
Northwestern pond turtle <i>Clemmys marmorata marmorata</i>	SC/SSC	California range extends from Oregon border of Del Norte and Siskiyou Counties south along coast to San Francisco Bay, inland through Sacramento Valley, and on the western slope of Sierra Nevada; range overlaps with that of southwestern pond turtle through the Delta and Central Valley to Tulare County	Woodlands, grasslands, and open forests; occupies ponds, marshes, rivers, streams, and irrigation canals with muddy or rocky bottoms and with watercress, cattails, water lilies, or other aquatic vegetation	Suitable habitat present; no confirmed detections
Osprey <i>Pandion haliaetus</i>	--/SSC	Nests along the north coast from Marin County to Del Norte County, east through the Klamath and Cascade Ranges, and the upper Sacramento Valley; important inland breeding populations at Shasta Lake, Eagle Lake, and Lake Almanor and small numbers elsewhere south through the Sierra Nevada; winters along the coast from San Mateo County to San Diego County	Nests in snags or cliffs or other high, protected sites near the ocean, large lakes, or rivers with abundant fish populations	Confirmed present; 1 nest site in Reserve
Bald eagle <i>Haliaeetus leucocephalus</i>	T/E	Nests in Siskiyou, Modoc, Trinity, Shasta, Lassen, Plumas, Butte, Tehama, Lake, and Mendocino Counties and in the Lake Tahoe Basin; reintroduced into central coast; winter range includes the rest of California, except the southeastern deserts, very high altitudes in the Sierras, and east of the Sierra Nevada south of Mono County; range expanding	In western North America, nests and roosts in coniferous forests within 1 mile of a lake, a reservoir, a stream, or the ocean	Suitable habitat present; no confirmed detections
American peregrine falcon <i>Falco peregrinus anatum</i>	--/FP	Permanent resident on the north and south Coast Ranges; may summer on the Cascade and Klamath Ranges south through the Sierra Nevada to Madera County; winters in the Central Valley south through the Transverse and Peninsular Ranges and the plains east of the Cascade Range	Nests and roosts on protected ledges of high cliffs, usually adjacent to lakes, rivers, or marshes that support large populations of other bird species	Suitable habitat present; no confirmed detections

Table 3-6. Continued

Common and Scientific Name	Status ^a	California Distribution	Habitats	Occurrence in Headwaters Forest
	Federal/State			
Marbled murrelet <i>Brachyramphus marmoratus</i>	T/E	Nesting sites from the Oregon border to Eureka and between Santa Cruz and Half Moon Bay; winters in nearshore and offshore waters along the entire California coastline; known to occur in Reserve	Mature, coastal coniferous forests for nesting; nearby coastal water for foraging; nests in conifer stands greater than 150 years old and may be found up to 35 miles inland; winters on subtidal and pelagic waters often well offshore	Confirmed present
Northern spotted owl <i>Strix occidentalis caurina</i>	T/SSC	A permanent resident throughout its range; found in the north Coast, Klamath, and western Cascade Ranges from Del Norte County to Marin County; known to occur in Reserve	Dense old-growth forests dominated by conifers with topped trees or oaks available for nesting crevices	Confirmed present
Little willow flycatcher <i>Empidonax traillii brewsteri</i>	SC/E	Summer range includes a narrow strip along the eastern Sierra Nevada from Shasta County to Kern County, another strip along the western Sierra Nevada from El Dorado County to Madera County; widespread in migration	Riparian areas and large, wet meadows with abundant willows for breeding; usually found in riparian habitats or edges of clear cuts during fall migration	Low potential, suitable habitat in Elk River corridor for migrants
California red tree vole <i>Arborimus pomo</i>	SC/SSC	North Coast Ranges from Sonoma County to the Oregon border; known to occur in Reserve	Inhabits old-growth forests of Douglas-fir, redwood, or montane hardwood-conifer species	Confirmed present
Pacific fisher <i>Martes pennanti pacifica</i>	SC/SSC	Coastal mountains from Sonoma County to Del Norte County, through Cascades to Lassen County; also from Fresno County through the Sierra Nevada but is believed to be extirpated from the northern Sierra Nevada	Mixed conifer habitats with high overstory cover; preference for riparian areas and other ecotonal habitats	Suitable habitat present; no confirmed detections

Table 3-6. Continued

Note: ESU = Evolutionarily significant unit.

^a Status definitions:

Federal

- E = listed as endangered under the federal Endangered Species Act.
- T = listed as threatened under the federal Endangered Species Act.
- PE = proposed for federal listing as endangered under the federal Endangered Species Act.
- PT = proposed for federal listing as threatened under the federal Endangered Species Act.
- C = species for which U.S. Fish and Wildlife Service has on file sufficient information on biological vulnerability and threat(s) to support issuance of a proposed rule to list.
- SC = species of concern; species for which existing information indicates it may warrant listing but for which substantial biological information to support a proposed rule is lacking.
- SM = Survey-and-Manage species.
- = no listing.

State

- E = listed as endangered under the California Endangered Species Act.
 - T = listed as threatened under the California Endangered Species Act.
 - R = listed as rare under the California Native Plant Protection Act. This category is no longer used for newly listed plants, but some plants previously listed as rare retain this designation.
 - C = candidate species for listing under the California Endangered Species Act.
 - SSC = species of special concern in California.
 - FP = fully protected.
 - = no listing.
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